

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 91-180  
NPDES NO. CA 0027961

AMENDMENT OF WASTE DISCHARGE REQUIREMENTS, ORDER NO. 88-158 AND  
ORDER NO. 89-104

INTERNATIONAL BUSINESS MACHINES  
SAN JOSE  
SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board), finds that:

1. The Board adopted Order No. 88-158 (NPDES No. CA 0027961) for International Business Machines (hereinafter called the discharger) on October 19, 1988. Order No. 88-158 regulates the discharge of extracted groundwaters to either surface waters or for reclamation purposes. Order No. 88-158 expired on December 31, 1989. Order No. 88-158 was amended by the Board on June 21, 1989 by Order No. 89-104 to modify the groundwater reclamation requirements. The Board on December 13, 1989 also amended Order No. 88-158 by Order No. 89-189 which extended the expiration date to December 31, 1991.
2. The discharger's plume of chemicals originating from its site is one of the largest in the San Francisco Bay Region and the amount of groundwater being pumped is also one of the largest in the region. Therefore the Board has chosen to issue limited term NPDES permits for this discharge in order to allow formal Board review of the discharger's remediation and groundwater reuse activities.
3. In Finding 5 of Order No. 89-189, which extended the expiration date to December 31, 1991, it states that "the Board will consider a(n additional) two year renewal of the discharger's NPDES permit. Such renewal will be granted if the discharger continues to demonstrate good faith efforts toward attaining reuse."
4. A November 1991 report titled "Reuse of Extracterd Groundwater" prepared by the discharger shows that significant reuse has been achieved by the discharger. Reuse to date includes 100% of all groundwater extracted on-site for such uses as irrigation, industrial supply, and/or reinjection. Progress is continuing on finding uses for off-site extracted groundwater. Potential uses include domestic supply and irrigation.
5. The condition stated in Order No. 89-189 that the discharger continue to demonstrate good faith efforts toward attaining reuse has been met, therefore the NPDES permit will be extended an additional two years.
6. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code (CEQA) pursuant to Section 13389 of the California Water Code.

7. The Board has notified the discharger and interested agencies and persons of its intent to issue waste discharge requirements for the discharge and has provided them an opportunity to submit their written views and recommendations.
8. The Board, in a public hearing, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that the discharger, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and provisions of the Clean Water Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Amendments of Order No. 88-158

Order No. 88-158 shall be amended as follows:


1. In Provision 9 the date "December 31, 1991" shall be deleted and replaced with "December 31, 1993".

B. Amendments of Order No. 889-104

Order No. 89-104 shall be amended as follows:

1. In Provision 1 the date "December 31, 1989" shall be deleted and replaced with "December 31, 1993".

I, Steven R. Ritchie, Executive Officer do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay region on December 11, 1991.



STEVEN R. RITCHIE  
Executive Officer